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ANTIMICROBIAL PROTECTION FOR PLASTIC STRUCTURES

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Abstract of the Invention

Disclosed is a composition and method for
10 providing antimicrobial protection to plastic structures,
such as plastic decking, planking, fencing, and panels.
The method comprises applying a water-soluble biocide to
the metal-containing structure, and converting the
soluble biocide to a water-insoluble metal biocide salt
15 that is adsorbed on the surface of, or into the porous
structure of the plastic material. The slow release of
the insoluble antimicrobial agent from the surface or
from within the pores of said plastic structure provides
antimicrobial protection for the plastic structure.

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